



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	FILLIPI et al.	:	Examiner: (not yet known)
		)	
Serial No:	10/717,583	:	Group Art Unit: 1746
		)	
Filed:	November 21, 2003	:	Atty Ref: FILL3002.7/TJM
		)	
For:	APPARATUS FOR CLEANING SURFACES	)	

**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Rule 37 C.F.R. §1.51(b), §1.56, §1.97, and §1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified is submitted herewith, except that (1) a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. §120 and identified below, is not submitted herewith, and (2) a copy of any U.S. patent or published patent application identified herein is not submitted herewith, if this application was filed or entered the U.S. national state on or after June 30, 2003 (or if applicable, this international application entered the U.S. national stage on or after June 30, 2003).

**ADDITIONAL DOCUMENTS OR INFORMATION NOT LISTED ON  
ACCOMPANYING FORM PTO-1449 SUBMITTED FOR CONSIDERATION**

\* \* \*

CONCISE STATEMENT OF RELEVANCY  
(Non-English Language Documents Only)

\* \* \*

STATEMENT OF CUMULATIVE INFORMATION

Documents or information considered to be cumulative to the documents or information identified herein are as follows (37 C.F.R. §1.98(c)):

\* \* \*

STATEMENT REGARDING TRANSLATIONS

\* \* \*

STATEMENT OF TIMELINESS

  X   This Information Disclosure Statement is submitted within three months of (i) the filing date of the above-identified U.S. National Patent application, or (ii) the date of entry into the U.S. National Stage of the above-identified International Application, or (iii) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies.

       This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits received by Applicant in the above-identified application.

       This Information Disclosure Statement is submitted after three months from (i) the filing date of the above-identified U.S. National Patent application, or (ii) after three months from

entry into the U.S. National Stage of the above-identified International Application, or (iii) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies; and after the mailing date of the first Office Action on the merits of the above-identified application, but prior to issuance of the earlier of any Final Action or Notice of Allowance sent in such application. The certification under 37 C.F.R. §1.97(e) is submitted separately or below, or the fee required under 37 C.F.R. §1.97(c) and §1.17(p) is submitted herewith.

\_\_\_\_\_ This Information Disclosure Statement is submitted after the earlier of the mailing date of a final rejection or Notice of Allowance sent in this application but before payment of the Issue Fee. The certification required under 37 C.F.R. §1.97(e) is submitted separately or below. A petition to the Commissioner and the appropriate fee pursuant to §1.17(i)(1) are submitted herewith.

#### CERTIFICATION

\_\_\_\_\_ A certification under 37 C.F.R. §1.97 is submitted herewith separately from this paper.

\_\_\_\_\_ **It is hereby certified that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.**

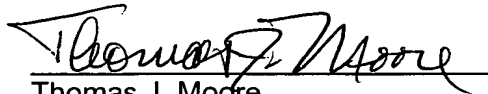
\_\_\_\_\_ **No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement.**

Information Disclosure Statement  
U.S. Application No. 10/717,583

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees required or credit any overpayments in connection with this paper to Deposit Account No. 02-0200.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Thomas J. Moore", written over a horizontal line.

Thomas J. Moore  
Registration No. 28,974

Date: February 20, 2004

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B/O Form PTO-1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	FILL3002.7/TJM	10/717,583
	Applicant	
	FILLIPI et al.	
	Filing Date	Group
	November 21, 2003	1746

## U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	4587032	5-1986	Rogers	252	174.17	
	4619709	10-1986	Fiocco	134	22.14	
	4711256	12-1987	Kaiser	134	25.4	
	5039349	8-1001	Schoeppel	134	26	
	5288422	1-1994	Basu et al.	252	174	
	5289838	1-1994	Odell	134	166R	
	5298083	3-1994	Van der Puy et al.	134	42	
	5350458	9-1994	Pinsi-Ober et al.	134	22.1	
	5397398	3-1995	Van Vlahakis et al.	134	22.11	

## Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	3531697	3/1997	DE				
	2261364	5/1993	GB				

## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	Abstract of Gillner, DE 3531697
	"A NOVEL METHOD AND APPARATUS FOR CLEANING OXYGEN SERVICE EQUIPMENT VIA A SURFACTANT-ENHANCED FLUOROCARBON SOLVENT" Crowe, Christy L., "A thesis submitted to the Graduate School in partial fulfillment of the requirements for the Degree Master of Science in Chemical Engineering, New Mexico State University, Las Cruces, New Mexico, December, 1999
	New Mexico State Library Catalog Index, page 1 of 1.
	email (2 pages) dated July 31, 2002, from Reference Librarian, New Mexico State University Library, about Crowe thesis.

Examiner	Date Considered
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	Atty. Docket Number <b>FILL3002.7/TJM</b>	Serial Number <b>10/717,583</b>
	Applicant <b>FILLIPI et al.</b>	
	Filing Date <b>November 21, 2003</b>	Group <b>1746</b>

## U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	5440824	8-1995	Ramachandran	34	443	
	5520837	5-1996	Antin et al.	252	136	
	6048832	4-2000	Thenappan et al.	510	410	
	6110885	8-2000	Chan	510	473	

## Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	"Krytox performance lubricants", 5 pages obtained at the web site <a href="http://www.dupont.com">www.dupont.com</a> on February 13, 2000.
	"3M HFEs (Hydrofluoroethers) for Aircraft Cleaning", 6 pages obtained at the web site <a href="http://www.3m.com">www.3m.com</a> on March 12, 2000.
	"Still Looking for a fluid you can live with?", 24 pages obtained at web site <a href="http://www.3m.com">www.3m.com</a> on March 12, 2000.
	email from Ms. Crowe to Mr. Moore dated July 31, 2003
	letter to Ms. Crowe from Mr. Moore dated August 11, 2003

Examiner	Date Considered
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